

REMARKS

Receipt of the Office Action of January 22, 2010 is gratefully acknowledged.

Claims 10, 12 and 14 - 18 have been examined in this further RCE application. They have been finally rejected on the first action in this RCE application. The finality of the rejections is being challenged in a petition to the Commissioner being filed concurrently herewith.

As to the rejections, these are as follows: claim 10 is rejected under 35 USC 112, second paragraph as indefinite because of the recitation of "two components" and because of the recitation of "additional coded information;" and claims 10, 12 and 14 - 18 under 35 USC 102(e) by Forney et al.

Forney et al refers to a method and a system for rendering animated graphics on a browser client based upon a stream of runtime data from a manufacturing/process control system. The graphics animation is based upon an animated graphic display object specification and runtime data from a portal server affecting an appearance trait of the animated graphic display object. The client browser receives an animated graphics description from the portal server specifying an animation behavior for an identified graphical display object. The client creates a data exchange connection between an animated display object, corresponding to the animated graphics description, and a source of runtime data from the portal server affecting display of the animated display object. Thereafter, the client applies runtime data received from the source of runtime data to the animated display object to render an animated graphic display object.

Nonetheless the XSL and XML used by Forney et al. are used to describe data transmitted from a portal server to a browser over the internet or a corporate intranet ... (Forney et al.: [0023]). This simply corresponds to the ordinary way XSL and XML are used. However, according to the present invention as defined in amended claim 10 the XSL and XML files are available (solely) within the control- or engineering-system, which is by way of example a handheld.

Hence the XSL and the XML files are according to the instant invention merged by a browser which is also arranged within\ the control- or engineering-system, e.g. the handheld, to produce a HTML-file which then can be presented by the browser on the general user interface GUI of the control- or engineering-system. These actions, including the loading of the data component and the presentation component by the browser, take place within the control- or engineering-system which is connected to the field device over the fieldbus. The communication over the fieldbus occurs according to a fieldbus protocol. Therefore no communication or data transfer at all is conveyed over an intranet or the internet.

The mode of operation of the present invention is described in the following by way of an example: For a field device to be, for example, parametrized, field device specific data, e.g. the serial number of the field device, are transmitted over the fieldbus from the field device to the control- or engineering-system. With the help of this serial number a corresponding device description, consisting of a data component and a presentation component, is loaded e.g. from a database of the control- or engineering-system by means of an appropriate browser. The XML and XSL files corresponding to the data and the presentation component respectively are merged and a HTML document is produced which is displayed by the browser on a general user interface of the control- or engineering-system. As can be understood from this example the XML and the XSL files are used only within the control- or engineering-system. Thus a device description and method

for operating the field device is provided that is not dependent on the specific operating tool or the specific type of field device description used.

Furthermore, Forney et al. uses the XML and XSL components to define and translate animated graphics. These XML and XSL components are then downloaded to the client and an initial image is rendered which is driven by sources of live process control data (Forney et al.: [0025]). All the communication between the field device and the client are conducted over a server that provides the data over the internet to the client. Still further, Forney et al. do not describe that the field device specific data can be manipulated, i.e., that the field device can be operated by way of the general user interface GUI. Therefore another distinguishing feature of the present invention in view of Forney et al. is that the parameters can be entered by way of the HTML-page and stored by means of a parameter editor operating according to the DOM-standard (instant application: [0030]). For parameterizing a field device over the fieldbus configuration tools are used. Configuring tools provide access to the field devices of the particular manufacturer. But GUIs and devices description may be provided by different manufacturer and therefore are not matched to one another. The present invention remedies these disadvantages, while Forney et al. refer only to the rendering of a graphic on a remote display.

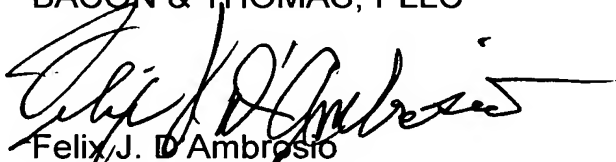
With the distinctions noted and the amendment to claim 10, it should now be evident that claim 10, and claims 12 and 14 - 18, which depend therefrom, are not anticipated by Forney et al.

In the amendment of claim 10, to two phrases considered by the examiner to render claim 10 indefinite have been deleted. Accordingly, the rejection of claim 10 under 35 USC 112, second paragraph has been overcome and should be withdrawn.

In view of the foregoing, entry of the noted amendment to claim 10 is respectfully requested and claims 10, 12 and 14 - 18 found allowable. Alternatively, entry of the noted amendment for purposes of appeal is respectfully requested.

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Respectfully submitted,
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